

DEPARTMENT OF THE ARMY
Omaha District, Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. DACW45 02 B 0021
:all amendments may cause rejec- :
:tion of the bid. See FAR : Date of Issue: 04 Sep 2002
:52.214-3 of Section 00100 : Date of Opening: 12 Nov 2002

Amendment No. 0005
01 November 2002

SUBJECT: Amendment No. 0005 to Specifications and Drawings for Construction of
Habitat Restoration Project, California Bend, NE
Solicitation No. DACW45 02 B 0021.

TO: Prospective Bidders and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

a. Specifications. (Descriptive Changes.)

(1) Section 00800 Page 12, paragraph 1.23b, delete "\$250,000" and substitute "\$150,000".

(2) Section 01355, add the following additional attachments, which includes amended water quality certifications, along with amended Department of the Army permit 199910336. These amended documents set the minimum river flow required for discharge of dredged material to agree with Section 02482, paragraph 3.4.1.1.

(3) Section 01500 Page 6,

a) Paragraph 3.7.1, add the following: "Surfacing for this item is included under option O-1."

b) Delete paragraph 3.8 (including 3.8.1, 3.8.2 and 3.8.3).

(4) Section 02000 Page 5, paragraph 3.1.4.3, delete in its entirety including subparagraphs a. thru d. and substitute the following: "The test for freezing and thawing shall be conducted in accordance with CRD-C 144, Standard Test Method for Resistance of Rock to Freezing and Thawing. The test shall be performed on a minimum of three (3) specimens, and the loss at twenty (20) cycles for each individual specimen shall not exceed twenty-five (25) percent. The test report submitted for approval shall contain information as required by CRD-C 144."

(5) Section 02110 Page 4, paragraph 3.4.1, last sentence, delete "Section 01430 Environmental protection" and substitute "Section 01355A, ENVIRONMENTAL PROTECTION."

b. Specifications (New and/or Revised and Reissued). Delete and substitute or add specification pages as noted below. The substituted pages are revised and reissued with this amendment.

Pages Deleted

00010-3 & 4

Pages Substituted

00010-3 & 4

c. Drawings (Not Reissued). The following drawing sheets are revised as indicated below with latest revision date of 01 November 2002. These drawings are not reissued with this amendment.

(1) Sheet H6, add the following general note: "NOTE: The topographic contours at the culvert shown on sheet G1 (drawing coordinates D,2) do not match the contours for the same location shown on this sheet (H6). This is due to the G1 contours shown are from more recent surveys, and the H6 contours are from older data. For bidding purposes, use the more recent data shown on sheet G1 which supersedes the older contour mapping shown on this sheet. "

(2) Sheet G1, add the following general note: "NOTE: The topographic contours at the culvert shown on sheet this sheet (drawing coordinates D,2) do not match the contours for the same location on sheet H6. This is due to the contours on this sheet (G1) are from a more recent survey, and the H6 contours are from older data. For bidding purposes use the more recent data on this sheet which supersedes the older contour mapping data shown on sheet H6."

d. Photos. The following photos are hereby added to the project. See attached photos.

2. This amendment is a part of the bidding papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the bids have been mailed prior to receiving this amendment, you will notify the office where bids are opened, in the specified manner, immediately of its receipt and of any changes in your bid occasioned thereby.

a. Hand-Carried Bids shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Bids shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Bids will be received until 2:00 p.m., local time at place of bid opening, 12 November 2002.

Attachments:

Attachment to Section 01355 listed in 1.a. above

Bidform: Pages 00010-3 and 00010-4 listed in 1.b above

Photos listed in 1.d above

U.S. Army Engineer District, Omaha
Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

01 Nov 2002
MFS/4411

CENWO-OD-R (1145b)

30 Oct 02

MEMORANDUM FOR CENWO-PM

SUBJECT: Amendment #1, Corps project No. 199910336 (California Bend Restoration)

1. Attached are letters from the Iowa Department of Natural Resources and the Nebraska Department of Environmental Quality that amend the Section 401 Water Quality Certification. The letters contain a special condition lowering the minimum flow for dredging from 28,000 cubic feet per second to 25,000 cubic feet per second. This amended condition now becomes a special condition to 199910336.
2. If you have any questions, contact Keith Tillotson at (308) 234-1403.

Encl


for Michael Rabbe
Nebraska State Program Manager



STATE OF IOWA

THOMAS J. VILSACK, GOVERNOR
SALLY J. PEDERSON, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
JEFFREY R. YONK, DIRECTOR

October 28, 2002

U.S. Army Corps of Engineers - Omaha District
Attn: Keith Tillotson
1430 Central Avenue Street, Suite 4
106 S. 15th Street
Kearney, NE 68847-6856

Subject: California Bend, NE 99-10336, IDNR No. 99-W-085-11-02-S

Dear Mr. Tillotson:

The Iowa Department of Natural Resources (IDNR) has reviewed your request for an amended State 401 Water Quality Certification. The IDNR concurs that the discharge material could occur at river flows as low as 25,000 cfs when the dredge flow has been proportionally reduced from the discharge associated with the 28,000 cfs river flow. This proportional reduction in flow is assumed to result in a proportional reduction in sediment and pollutant loading at 25,000 cfs. The conditions from the April 12, 2001 Amended 401 Water Quality Certification are still in effect.

It is the goal of the Water Quality Standards that all uses of the river be maintained and protected. The IDNR is very concerned that an impairment of the downstream use by the City of Blair's water supply could occur by placing the dredged discharge 2 miles upstream of their intake. The IDNR would like the Corps of Engineers (Corps) to evaluate other alternatives, including upland disposal, for this material. To effectively address the potential impairment of anyone's water supply located downstream from a discharge point, the Corps shall: 1) perform an evaluation of the projected in-stream concentrations of discharge pollutants at the downstream water supply intake, or receive written confirmation and concurrence from the downstream water supply that the dredging discharge will not impair the use of the river as a raw water supply.

If you have any questions or comments please contact me at the address shown below, or call (515) 281-6615.

Sincerely,

Christine M. Schwake

Christine M. Schwake
Environmental Specialist
Water Quality Section

Post-It® Fax Note	7871	Date	10/28/02	Page	1
To	Keith Tillotson	From	Chris Schwake		
Co./Dept.	Corps	Co.	IDNR		
Phone #	308 234 1403	Phone #	515 281 6615		
Fax #	308 234 3342	Fax #	515 281 8895		

STATE OF NEBRASKA



Mike Johanns
Governor

Keith Tillotson
Regulatory Office
1430 Central Avenue, Suite 4
Kearney, NE 68847-6856

DEPARTMENT OF ENVIRONMENTAL QUALITY
Michael J. Linder
Director
Suite 400, The Atrium
1200 'N' Street
P.O. Box 98922
Lincoln, Nebraska 68509-8922
Phone (402) 471-2186
FAX (402) 471-2909
web site : www.deq.state.ne.us

Re: Requested amendment to Section 401 Water Quality Certification for authorization number NE 99-10336, U.S. Army Corps of Engineers, Restoration of California Bend on the Missouri River

Dear Mr. Tillotson:

1. Regarding the requested amendment to reduce the minimum flow for discharge of dredged material into the Missouri River to 25,000 cubic feet per second: We understand through correspondence among your office and the Corps project engineers that the 28,000 cfs level was an estimate derived from previous Corps Missouri River projects, and that subsequent more accurate calculations revise the appropriate flow for this stretch of the river to 25,000 cfs. This amendment is acceptable for compliance with the intent of our Water Quality Certification.
2. Regarding the requested amendment to add a second in-channel discharge point approximately 1.5 miles upstream from the Blair Municipal Water Supply Intake: As you discussed with Terry Hickman on the phone, Title 117 - Nebraska's Surface Water Quality Standards do not allow a mixing zone within 2 miles upstream of a municipal intake structure. If the applicant would ensure that the water discharged would meet water quality standards coming out of the pipe, our Water Quality Standards Coordinator indicated that the intent of the regulation would be satisfied even though technically there would still be a mixing zone. However, the discharge would have to be 100% consistent in meeting water quality standards. The TMDL Coordinator examined the sampling data supplied to our office January 18, 2000 and said that the results for chromium, copper, lead and manganese were within Standards, but that he would be concerned about the levels of nitrate/nitrogen (which were not measured in the samples) and that the applicant would have to test the discharge for those entities to be sure they met Standards.

Terry provided you with the web site addresses of our Title 117 Water Quality Standards so that the technical staff for the applicant would know what they would be aiming for.

You have since informed Terry that the State of Iowa will under no circumstances issue an amendment to their water quality certification allowing the placement of the discharge pipe within two miles above the Blair Intake Structure. Therefore, it is our understanding that this requested amendment (#2) will not be approved by the Corps Regulatory, and thus NDEQ will not address it. The conversations and correspondence between you and Terry about the subject merely have been reiterated here for the purpose of providing a concise history of our position.

If you have any further questions, feel free to call Terry at (402) 471-2875, or email her at terry.hickman@ndeq.state.ne.us.

Sincerely,



Patrick W. Rice
Assistant Director

TH

BID SCHEDULE

Basic Schedule

Item No.	Description	Quantity	Unit	Unit Price	Amount
1.	All plant, material, and labor required for excavation	449,500	c.y.	\$ _____	\$ _____
2.	All plant, material, and labor required for placing quarried stone at inlet structures	9930	ton	\$ _____	\$ _____
3.	All plant, material, and labor required for placing salvaged stone at inlet structures	1895	c.y.	\$ _____	\$ _____
4.	All plant, material, and labor required for removing stone from existing structures	17,920	c.y.	\$ _____	\$ _____
5.	All plant, material, and labor required for clearing pilings above lowered structures	L.S.		---	\$ _____
6.	All plant, material, and labor required for placement of salvaged stone	L.S.		---	\$ _____
7.	All plant, material, and labor required for construction of north access road	L.S.		---	\$ _____
8.	All plant, material, and labor required for seeding	L.S.		---	\$ _____
9.	All plant, material, and labor required for All remaining work Except for the Options listed below	L.S.		---	\$ _____

Options

O-1	All plant, material and labor required for surfacing the north access road (including westside trail)	L.S.		\$ _____
O-2	All plant, material and labor required for construction of the south access road	L.S.		\$ _____

TOTAL AMOUNT (Basic + Options) \$ _____

Notes on Bidding Schedule:

- Quantities for unit priced items are estimated only and the respective unit price will prevail in the event of an overrun or underrun subject to Contract Requirements Clause "Variation in Estimated Quantities."

2. Bid prices must be entered for all items of the schedule. Total amount bids submitted without bid prices being entered on individual items will be rejected. Extensions will be subject to verification by the Government. In case of variation between the unit prices and the extensions, the unit prices will be considered the bid. In case of variation between the individual bid item prices and the total amount, the individual bid prices will be considered the bid.
3. A modification to a bid which provides for a single adjustment to the total amount bid should state the application of the adjustment to each respective unit price and lump sum price affected. If the modification is not so apportioned, the single adjustment will be applied to Item No. 9.
4. The category "All remaining work" shall include any activities not listed as pay items, including clearing, grubbing, stripping, tree planting and/or any other items not listed above.
5. See SECTION 00100, INSTRUCTIONS, CONDITIONS, & NOTICES TO BIDDERS for evaluation of options. The Government reserves the right to exercise the options within 120 calendar days after issuance of Notice to Proceed
6. See Section 01500 Measurement and Payment for additional information on the bid items.
7. Although stone removal is based on volume of material, it will not be measured directly. Rather, any significant deviation between the in-place structures and the contract drawings showing profiles, cross sections, and existing channel stabilization structures will be evaluated by the contractor and the Contracting Officer. Such discrepancy would be the basis for modifying the volume on which payment will be made.